

ABSTRACT

A method for manufacturing a color filter (30) includes: preparing a transparent substrate (34); forming a black matrix (33) on the transparent substrate, the black matrix including an antireflection layer (332) formed on the transparent substrate and a light-shielding layer (333) formed on the antireflection layer, the antireflection layer including a first antireflection film (3321) having a first index of refraction, and a second antireflection film (3322) having a different second index of refraction, the black matrix defining a plurality of apertures arranged in an array; and coating a color resin layer (32) on the transparent substrate and the black matrix.